

SEQUENCE LISTING

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 Caffrey, Tom

<120> COMPOSITIONS AND METHODS FOR PREVENTING OR TREATING CANCER

<130> NE-0004

<160> 51

<170> PatentIn version 3.1

<210> 1

<211> 72

<212> PRT

<213> Homo sapiens

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Cys	Gln	Cys	Arg	Arg	Lys	Asn	Tyr	Gly	Gln	Leu	Asp	Ile	Phe	Pro	Ala
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Arg	Asp	Thr	Tyr	His	Pro	Met	Ser	Glu	Tyr	Pro	Thr	Tyr	His	Thr	His
			20					25					30		

Gly	Arg	Tyr	Val	Pro	Pro	Ser	Ser	Thr	Asp	Arg	Ser	Pro	Tyr	Glu	Lys
			35				40					45			

Val	Ser	Ala	Gly	Asn	Gly	Gly	Ser	Ser	Leu	Ser	Tyr	Thr	Asn	Pro	Ala
	50					55						60			

Val	Ala	Ala	Ala	Ser	Ala	Asn	Leu
65						70	

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Cys	Arg	Arg	Lys	Asn	Tyr	Gly	Gln	Leu
1				5				

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Val Ser Ala Gly Asn Gly Gly Ser Ser
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Leu Ser Tyr Thr Asn Pro Ala Val Ala
1 5

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<400> 5

Ser Ala Gly Asn Gly Gly Ser Ser Leu
1 5

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Ala Val Ala Ala Ala Ser Ala Asn Leu
1 5

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Val Ser Ala Gly Asn Gly Gly Ser Ser Leu
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Pro Ala Val Ala Ala Ala Ser Ala Asn Leu
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Leu Ser Tyr Thr Asn Pro Ala Val Ala Ala
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Phe Pro Ala Arg Asp Thr Tyr His Pro Met
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Arg Arg Lys Asn Tyr Gly Gln Leu
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Asp Arg Ser Pro Tyr Glu Lys Val
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Ala Arg Asp Thr Tyr His Pro Met
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Ser Ser Leu Ser Tyr Thr Asn Pro
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Cys Arg Arg Lys Asn Tyr Gly Gln Leu
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Ser Glu Tyr Pro Thr Tyr His Thr His
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<210> 17

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Ser Leu Ser Tyr Thr Asn Pro Ala Val
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Tyr Thr Asn Pro Ala Val Ala Ala Ala
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Ser Tyr Thr Asn Pro Ala Val Ala Ala Ala
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Asp Thr Tyr His Pro Met Ser Glu Tyr
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Gly Asn Gly Gly Ser Ser Leu Ser Tyr
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Pro Thr Tyr His Thr His Gly Arg Tyr
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Asp Ile Phe Pro Ala Arg Asp Thr Tyr
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Pro Ser Ser Thr Asp Arg Ser Pro Tyr
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Ala Gly Asn Gly Gly Ser Ser Leu Ser Tyr
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Ser Thr Asp Arg Ser Pro Tyr Glu Lys Val
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Asp Ile Phe Pro Ala Arg Asp Thr Tyr His
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Lys Val Ser Ala Gly Asn Gly Gly Ser Ser
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Tyr Val Pro Pro Ser Ser Thr Asp Arg
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Ser Pro Tyr Glu Lys Val Ser Ala
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Ser Pro Tyr Glu Lys Val Ser Ala Gly
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Gly Arg Tyr Val Pro Pro Ser Ser Thr
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Ala Arg Asp Thr Tyr His Pro Met Ser
1 5

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Lys Asn Tyr Gly Gln Leu Asp Ile Phe
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Gly Gln Leu Asp Ile Phe Pro Ala Arg
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Arg Arg Lys Asn Tyr Gly Gln Leu Asp
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His Pro Met Ser Glu Tyr Pro Thr Tyr
1 5

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<213> Homo sapiens

<400> 38

Arg Lys Asn Tyr Gly Gln Leu Asp Ile Phe Pro Ala Arg Asp Thr
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Arg Ser Pro Tyr Glu Lys Val Ser Ala Gly Asn Gly Gly Ser Ser
1 5 10 15

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Leu Asp Ile Phe Pro Ala Arg Asp Thr Tyr His Pro Met Ser Glu
1 5 10 15

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Tyr Glu Lys Val Ser Ala Gly Asn Gly Gly Ser Ser Leu Ser Tyr

1 5 10 15

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Gly Arg Tyr Val Pro Pro Ser Ser Thr Asp Arg Ser Pro Tyr Glu
 1 5 10 15

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Gly Ser Ser Leu Ser Tyr Thr Asn Pro Ala Val Ala Ala Ala Ser
 1 5 10 15

<210> 44
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Tyr Gly Gln Leu Asp Ile Phe Pro Ala Arg Asp Thr Tyr His Pro
 1 5 10 15

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Tyr His Pro Met Ser Glu Tyr Pro Thr Tyr His Thr His Gly Arg
 1 5 10 15

<210> 46
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<400> 46

Tyr Pro Thr Tyr His Thr His Gly Arg Tyr Val Pro Pro Ser Ser
 1 5 10 15

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Cys Gln Cys Arg Arg Lys Asn Tyr Gly Gln Leu Asp Ile Phe Pro Ala
 1 5 10 15

Arg Asp Thr Tyr His Pro Met Ser Glu Tyr Pro Thr Tyr His
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<400> 48

His Pro Met Ser Glu Tyr Pro Thr Tyr His Thr His Gly Arg Tyr Val
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Pro Pro Ser Ser Thr Asp Arg Ser Pro Tyr Glu Lys Val Ser Ala Gly
 20 25 30

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<400> 49

Ser Thr Asp Arg Ser Pro Tyr Glu Lys Val Ser Ala Gly Asn Gly Gly
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Ser Ser Leu Ser Tyr Thr Asn Pro Ala Val Ala Ala Ala Ser Ala Asn
 20 25 30

Leu

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Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala His Gly
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Val Thr Ser Ala

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<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 51

His Ser Pro Thr Met Asp Arg Ser Glu Ser Tyr Pro Pro Tyr Thr Glu
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Tyr Lys His Ser Gly Ala Val

20